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Docket No.: 076030-0011

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Customer Number: 20277  
Dmitry CHERKASOV, et al. : Confirmation Number: 5625  
Application No.: 10/578,313 : Group Art Unit: To be assigned  
: Examiner: To be assigned  
Filed: May 4, 2006 :

For: MACROMOLECULAR NUCLEOTIDE COMPOUNDS AND METHODS FOR USING  
THE SAME

**SUBMISSION OF SEQUENCE LISTING AND AMENDMENT**

**MAIL STOP SEQUENCE**

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notification of Missing Requirements Under 35 USC 371 in the United States Designated/Elected Office (DO/EO/US) mailed on January 18, 2007, please amend the above-captioned patent application with respect to the specification as follows, and enter the attached Sequence Listing in computer-readable and paper formats.

**Amendments to the Specification** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 3 of this paper.

An **Appendix** including a Sequence Listing in computer-readable format ("CFR") and paper format is attached following page 3 of this paper.